Rukmini Devi Institute of Advanced Studies

Madhuban Chowk, Rohini, Delhi-110085

(Approved By AICTE &Affiliated With GGSIP University)

DOSSIER

On

Guest Lecture

On

"PHP Programming"

On

March 27, 2015

Ms. Mugdha Sharma
Assistant Professor, RDIAS

Ms. Amandeep Kaur
Chairperson, Literary Club

Prof. Col. (Retd.) Mahander Singh
Director General, RDIAS

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Duty Chart for Guest Lecture on "PHP Programming"

Responsibilities	Faculty Name	Signature
Welcome & Escorting of Guest	Ms Radhika Soni Ms Jyoti Arora Ms. Neetu Goel	
Lecture Theatre Booking	Ms. Jyoti Arora	
Arrangement of Tea, Snacks and Lunch	Ms. Radhika Soni Ms. Jyoti Arora	
Discipline	Ms. Jasmeen Kaur Ms. Akanksha Bhardwaj Ms. Rakhee Chibber Ms. Monika Bansal Ms. Mugdha Sharma Mr. Imran khan Dr. Manoj Kumar Ms. Swati Oberoi Mr. Gaurav Jindal Ms. Neetu Goel Ms. Simmi chawla Mr. Somendra Kumar Ms. Sakshi Garg	
Lecture Theatre Arrangements and Recording and uploading presentation at reception area	Mr. Vijay Tiwari	
Photography	Mr. Ravinder Chauhan	
Website Report	Ms. Jasmeen Kaur	
Dossier	Ms. Mugdha Sharma	
Visitors Book	Ms. Jyoti Arora	
Introductory speech, place cards & Vote of Thanks	Ms. Akanksha Bhardwaj	
You Tube uploading	Mr. Awadesh Kumar	
Supervision of the Guest Lecture	Ms. Radhika Soni Ms. Jyoti Arora	
Class Coordination MCA IV(Ist shift) MCA IV(2nd shift) MCA II (1st Shift) MCA II (2nd Shift)	 Mr. Somendra Kumar Ms. Mugdha Sharma Ms. Akanksha Bhardwaj Ms. Jasmeen Kaur	

FORM A

Proposal:

- **Name of the event to be organized:** Guest Lecture on "PHP Programming"

- **Date:** March 27, 2015

- **Time:** 11:30 pm to 01:30 pm

- **Venue:** Lecture Theatre, RDIAS

- **Motivation for the activity:** The lecture was conducted with the motive to make the students of MCA aware about the concepts of PHP and its implementation which will enable them to lay a strong foundation in PHP by gaining from the experiences and expertise of the guest speakers.

- **Organized by:** MCA Department

- **Resource Person**: Mr. Amit Bhardwaj, Team Lead Web Technologies, LeewayHertz.

FORM B

Part 1

Aim of the event: Main objective was to impart knowledge and enhance the skills of the students in the domain "***PHP Programming***" by giving them practical and industrial exposure on all the important topics/areas related to PHP. It was cleared that PHP is a server scripting language, and is a powerful tool for making dynamic and interactive Web pages. PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP.

Increasingly, IT squads are turning to PHP technology to minimize the time spent on lower-value natural actions and allow IT to focus on essential activities with greater impact on the software industries and web services.

Hence it is important for the students to be well acquainted with the field and should be aware of the intricacies of implementing this technology. Keeping this in mind, a guest lecture was organized for the students of MCA.

Part 2

Abstract:

The session was divided into two parts: conceptual and practical respectively given by Mr. Amit Bhardwaj, Team Lead Web Technologies, LeewayHertz.

In the conceptual part of his presentation, contained the following discussion points:

1. What is PHP?
2. How to write a PHP program?
3. Description about XAMP, WAMP, LAMP?
4. What is a PHP File?
5. Why PHP?
6. How Web pages designed by PHP
7. Network connection on local host

Many **real world anecdotes** were shared with the students in the course of this discussion:

Mr. Amit Bhardwaj started the discussion by asking everyone present that, what according to them is PHP?

Sir explained that

- PHP stands for PHP: Hypertext Preprocessor
- PHP is a widely-used, open source scripting language
- PHP scripts are executed on the server
- PHP is free to download and use

Sir explained before learning PHP, students should have a basic understanding of the following:

- HTML
- JavaScript

Sir further added explained as to what is a PHP File?

- PHP files can contain text, HTML, JavaScript code, and PHP code.
- PHP codes are executed on the server, and the result is returned to the browser as plain HTML.
- PHP files have a default file extension of ".php"

After this, he explained that PHP can generate dynamic page content, It can create, open, read, write, and close files on the server, It can collect form data, also can send and receive cookies, It can add, delete, modify data in your database. It can also restrict users to access some pages on your website or it can encrypt data.

The Practical session was given by the Sir in the Computer Center, where he gave brief on the network connection on the lost host by sensing the different network ports.

Sir also explored why PHP is on demand because PHP runs on different platforms (Windows, Linux, Unix, Mac OS X, etc. PHP is compatible with almost all servers used today (Apache, IIS, etc.) PHP has support for a wide range of databases. PHP is free. We can also download it from

the official PHP resource: www.php.net. PHP is easy to learn and runs efficiently on the server side.

Part 3

Conclusion

Sir seamlessly swayed from Basic concepts to implementation while referencing the industry scenario. Also discuss the latest research going in this technology. Certain issues related with the implementation of the technology like privacy, security, compliance, availability, performance and sustainability were also discussed.

Students of MCA showed great interest, enthusiasm by attending the session and actively participated in question answer sessions. Some curious questions were raised by the students like, in which scenarios PHP works efficiently instead of scripting languages? Jobs in PHP? What is the use of CSS? How the websites are more secure in PHP as compare to java and .Net? All were answered by the speaker in a very explicable manner.

Lecture Moments

Associate Professor, Ms. Neetu Goel, RDIAS with Speaker Mr. Amit bhardwaj!!!

Sir sharing his knowledge with students!!!

Lab session!!

Audience listening carefully..!!